

# CLAIMS

1. An anti-dazzling film comprising a transparent substrate film and an anti-dazzling layer provided on one side of the transparent substrate film,

said anti-dazzling layer comprising an ionizing radiation-curable resin and transparent fine particles,

said transparent fine particles satisfying requirements represented by formulae (I) and (II):

$$2.0 \mu\text{m} \leq d_{50\%} \leq 5.0 \mu\text{m} \quad (\text{I})$$

$$0.5 \mu\text{m} \leq (d_{84\%} - d_{16\%})/2 \leq 1.2 \mu\text{m} \quad (\text{II})$$

wherein  $d_{84\%}$  represents a particle diameter corresponding to a point of 84% in a cumulative curve of a particle size distribution assuming that the total weight of the transparent fine particles is 100%;  $d_{50\%}$  represents a particle diameter corresponding to a point of 50% in said cumulative curve of a particle size distribution; and  $d_{16\%}$  represents a particle diameter corresponding to a point of 16% in said cumulative curve of a particle size distribution.

2. An anti-dazzling film comprising a transparent substrate film and an anti-dazzling layer provided on one side of the transparent substrate film,

said anti-dazzling layer comprising an ionizing radiation-curable resin and transparent fine particles,

said transparent fine particles satisfying requirements represented by formulae (III) and (IV):

$$3.5 \mu\text{m} \leq d_{50\%} \leq 5.0 \mu\text{m} \quad (\text{III})$$

$$0.8 \mu\text{m} \leq (d_{84\%} - d_{16\%})/2 \leq 1.0 \mu\text{m} \quad (\text{IV})$$

wherein  $d_{84\%}$  represents a particle diameter corresponding to a point of 84% in a cumulative curve of a particle size distribution assuming that the total weight of the transparent fine particles is 100%;  $d_{50\%}$  represents a particle diameter corresponding to a point of 50% in said cumulative curve of a particle size distribution; and  $d_{16\%}$  represents a particle diameter corresponding to a point of 16% in said cumulative curve of a particle size distribution.

3. The anti-dazzling film according to claim 1 or 2, wherein two or more types of transparent fine particles are used as the transparent fine particles.

4. The anti-dazzling film according to claim 1 or 2, wherein said ionizing radiation-curable resin comprises a polyfunctional acrylate monomer.